

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

FORM C-122-A
(EL PASO - 2-1-61)

Pool

El Paso

Formation

Mesa Verde

County

San Juan

Well Name

Gartner No. 2 (OHHO) 70-065

Unit

G S 28 T 30 R 8

Pay Zone

4616

To

5178

Flow String

tubing

Casing O D

4-1/2

Wt

10.5

Set at

5362

Tubing O D

2-3/8

Wt

4.7

L

5109

Top Perf.

Operator

EL PASO NATURAL GAS COMPANY

Purchasing Pipeline

EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From

12-7-61

To

12-15-61

2-21-61

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing

(a)

Tubing

(b)

Meter

(c)

Chart

(d)

Deadweight Shut-in Pressures, psia

Meter Error

Friction Loss

Casing

874 (j)

Tubing

874 (k)

(e)

(f)

7 Day Avg. Flowing Pres., psia

Chart

504 (g)

Corrected

504 (h)

P_f

504 (i)

Gravity

.655

G. L. =

3346

1-e^{-s} =

.216

(F_cQ)² =

137.687

(1-e^{-s})(F_cQ)² = R² =

29740

P_i² =

254086

P_w² =

283756

Q =

1248 (integrated)

X

(c)

(d)

=

1248

D = Q

1248

X

(P_c² - P_d²)

(P_c² - P_w²)

=

578907

480120

=

1.1932

1.1417

=

1425

SUMMARY

P_c =

874

psia

Q =

1248

MCF/D

P_w =

533

psia

P_d =

437

psia

D =

1425

MCF/D

Company

EL PASO NATURAL GAS COMPANY

By

H. L. Kendrick

Title

Dr. Gas Engineer

Witnessed By

Company

RECEIVED

JAN 3 1962

OIL CON. COM.

DIST. 3

THE UNIVERSITY OF CHICAGO

CHICAGO, ILL. 60637

1971

1972

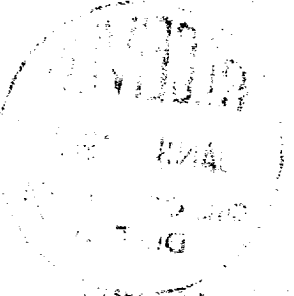
1973

1974

1975

1976

1977



1978

1979

1980

1981

1982